



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bruce A. Morgan et al.      Art Unit : Unknown  
Serial No. : 10/791,368      Examiner : Unknown  
Filed : March 2, 2004  
Title : METHODS OF MODULATING HAIR GROWTH

**MAIL STOP AMENDMENT**

Commissioner for Patents  
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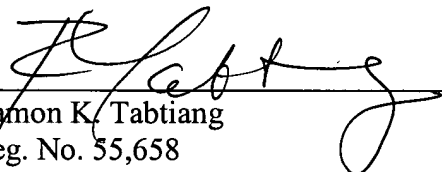
INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed, except U.S. Patent references. JP-40806183A includes an English abstract. The reference may be relevant insofar as it was cited by the Examiner in the office action of March 27, 2003, in United States Patent Application No. 09/822,722 (the parent case). A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed before the receipt of a first Office Action on the merits.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,


Date: 7 Dec. 2004

  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10287-058002	Application No. 10/791,368
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Bruce A. Morgan et al.	
		Filing Date March 2, 2004	Group Art Unit

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,208,145	05/04/93	Rogers			
	AB	5,686,289	11/11/97	Humes et al.			
	AC	6,159,950	12/12/00	Crystal et al.			
	AD	6,485,972	11/26/02	McMahon et al.			
	AE						
	AF						
	AG						
	AH						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI	JP-408066183A	03/12/96	Japan				
	AJ	WO 95/17416	06/29/95	WIPO				
	AK	WO 97/17982	05/22/97	WIPO				
	AL	WO 99/42481 (abstract only)	08/26/99	WIPO				
	AM	WO 00/31134	06/02/00	WIPO				
	AN							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AO	Arias et al., "Wnt signaling: pathway or network?", August 1999, Curr.Opin.Genet.Dev., vol. 9, no. 4;447-54
	AP	Charpentier et al., "Plakoglobin Suppresses Epithelial Proliferation and Hair Growth In Vivo", April 17, 2000, J. Cell Biol., Vol. 149, No. 2;503-519
	AQ	Christiansen et al., "MURINE Wnt-11 and Wnt-12 have temporally .....", June 1995, Mech.Dev., vol. 51, no. 2;341-50
	AR	Chuong et al., "Early Events During Avian Skin Appendage Regeneration: .....", 1996, J. Invest. Dermatol., Vol. 107;639-646
	AS	DasGupta et al., "Multiple roles for activated LEF/TCF transcription complexes.....", Development, vol. 126, Oct. 1999;4557-4568

Examiner Signature	Date Considered
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Other Documents (include Author, Title, Date, and Place of Publication)		
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	AT	Gat et al., "De Novo Hair Follicle Morphogenesis and Hair Tumors .....", Cell, vol. 95, Nov. 25, 1998;605-614
	AU	Gavin et al., "Expression of mutiple novel Wnt-1/int-1-related .....", Dec. 1990, Genes Dev., vol. 4, no.12b;2319-2332
	AV	Genderen et al., "Development of several organs that require inductive epithial .....", Genes & Development, vol. 8, no. 22, Nov. 15,1994;2691-2703
	AW	Goodrich et al., "Conservation of the hedgehog/patched .....", Feb. 1996, 90Genes Dev., vol. 10, no. 3;301-12
	AX	Hardy, "The secret life of the hair follicle", 1992, Trends in Genetics, vol. 8;55-61
	AY	Kengaku et al., "Distinct WNT pathways regulating AER .....", May 1998, Science, vol. 280;1274-1277
	AZ	Kishimoto et al., "Selective activation of the versican .....", June 1999, Proc.Natl. Acad.Sci. USA, vol. 96, no. 13,
	AAA	Kishimoto et al., "Wnt signaling maintains the hair-inducing activity of the dermal papilla", 2000, Vol. 14;1181-1185
	ABB	Lee et al., "Insertional mutagenesis identifies a member of the Wnt .....", March 1995, Proc.Natl.Acad.Sci. USA, vol. 92, no. 6;2268-2272
	ACC	Marigo et al., "Conservation in hedgehog signaling.....", April 1996, Development, vol. 122, no. 4;1225-1233
	ADD	Millar et al., "WNT Signaling in the Control of Hair Growth and Structure", Development Biology, vol. 207, no. 1, March 1,1999;133-149
	AEE	Noramly et al., "β-catenin signaling can initiate feather bud development", Development, vol. 126, August 1999;3509-3521
	AFF	Nusse et al., "Wnt Genes", Cell, vol. 69, June 26, 1992;1073-1087
	AGG	Oro et al., "Splitting Hairs: Dissecting Roles of Sighnaling Systems in Epideraml Development", Cell, vol. 95, Nov. 25, 1998;575-578
	AHH	Pennisi, "Hairy Mice Offer Hope For Baldness Remedy", Science, vol. 282, Nov. 27, 1998; 1617-1619
	AII	Riddle et al., "Induction of the LIM homeobox gene .....", Nov. 1995, Cell, vol. 83, no. 4;631-640
	AJJ	Sato et al., "Induction of hair growth phase .....", Oct. 1999, J.Clin.Invest., vol.104, no. 7;855-864
	AKK	St. Jacques et al., "Sonic hedgehog signaling .....", Sept. 1998, Curr.Biol., vol. 8, no. 19;1058-1068
	ALL	Veer et al., "Molecular cloning and chromosomal .....", Nov. 1984, Mol.Cell Biol., vol. 4, no. 11;2532-2534
	AMM	Wainwright et al., "Isolation of a human gene with protein sequence .....", 1988, vol. 7, no. 6;1743-1748
	ANN	International Search Report, July 27, 2001
	AOO	

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